

WALTER REED ARMY INSTITUTE OF RESEARCH  
WALTER REED ARMY MEDICAL CENTER  
WASHINGTON 12, D. C.



IN REPLY REFER TO:

September 21, 1959

Dear Joshua:

As things are, and unfortunately, they may never change, there is the most compelling reason for not considering the origin of this strain. I had hoped to be able to allude to this as much as I am able, thinking that I would see you at the SS meeting here. Unhappily, I learned recently that you had left the group, and so I waited to hear from you by mail.

All I can say is that we did not refrain from going into the background of this material by choice. I cannot emphasize that too strongly, but there are extremely pertinent reasons which make it impossible for us to do otherwise. However, the general results do not have to be held back, and I think this is fortunate since this may be a very useful tool. I might also add that one could hardly disagree with the reasons involved.

As regards your point about a complete or rounded account, I had thought that there might be an appropriate symposium at CSH or elsewhere which might fit the bill. If not, we would look to do this for Genetics or J. Bact.

In reference to your comment pg.5 and table 4, Ty2 Lac+ is a male as a result of the cross with ST-2, but is also now able to act as a female in a cross with W1895 as male. In such crosses previously, (W1895) x Ty2, Ty2 was sterile ( $F^0$ ). There is only a negligible frequency of  $F^0$  to  $F^-$  in K-12 x Ty2 detectable using Lac, and none using l-Ara; after ST-2 x Ty2 selected on Lac, there is a readily detectable frequency for the cross, K-12 x Ty2 Lac+ l-Ara- selected on l-Ara, yielding Ty2 Lac+Ara+ (still Hfr). I will try to clarify this in the MS, or perhaps I am missing the point of your comment.

About the generality of the effect- almost all Salmonella and Shigella cross with ST-2, and as far as we have tested, these are now able to act in a manner identical to ST-2 (usually).

One of my associates is leaving for a position in industry, and I wonder if you might know of someone at the recent PhD level who might be available?

Thanks a lot for your helpful comments. Best regards to Esther.

Sincerely,

*L. S. Baron*

L. S. BARON

*PS. Your reservation is entirely understandable, and if preferable we could follow another procedure.*